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## ABSTRACT OF THE DISCLOSURE

In an on-vehicle picture data transmission system, a front monitor, a rear monitor, a back-sight monitor, and also a DVD player are connected to a cable having a transfer capacity of approximately 20 Mbps. In such a case that compression data is transferred from the DVD player of a slave electronic appliance to the front monitor of a master electronic appliance and also to the rear monitor of a spare master electronic appliance at a data transfer rate of 20 Mbps, when a back gear signal produced by that a vehicle user sets a back gear is entered into the master electronic appliance, this master electronic appliance controls the data transfer rate of the picture data sent out from the DVD player to 10 Mbps, and also controls the data transfer rate of the picture data outputted from the back-sight camera to the front-sight camera to 10 Mbps.